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11 April 1995

AGREEMENT

CONCERNING THE ADOPTION OF UNIFORM CONDITIONS OF APPROVAL AND RECIPROCAL RECOGNITION OF APPROVAL FOR MOTOR VEHICLE EQUIPMENT AND PARTS

done at Geneva on 20 March 1958

Addendum 77: Regulation No. 78

Amendment 2

Incorporating:

02 series of amendments to the Regulation - Date of entry into force: 8 January 1995
Supplement 1 to the 02 series of amendments to the Regulation - Date of entry into force: 21 March 1995

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF VEHICLES OF CATEGORY L WITH REGARD TO BRAKING

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Paragraph 1.2.3., should be deleted.

Insert a new paragraph 5.1.1.3., to read:

"5.1.1.3. Brake linings shall not contain asbestos."

Paragraph 5.2.3., amend to read:

"5.2.3. Every vehicle of category L2 shall be equipped:"

Insert a new paragraph 5.2.3.3., to read:

"5.2.3.3. In addition, every vehicle of category L2 shall be equipped with a parking brake device acting on the wheel or wheels of at least one axle. The parking brake device, which may be one of the two devices specified in paragraph 5.2.3.1. above, must be independent of the device acting on the other axle or axles."

Paragraph 5.2.4., amend to read:

"5.2.4. Every vehicle of category L5 shall be equipped:

5.2.4.1. with a foot controlled service braking device which operates on all the wheels, and a secondary (emergency) braking device which may be the parking brake, and

5.2.4.2. with a parking braking device acting on the wheels of at least one axle. The control of the parking braking device must be independent of the control of the service braking device."

Insert a new paragraph 12, to read:

"12. TRANSITIONAL PROVISIONS

12.1. No Contracting Party shall refuse to grant approvals under this Regulation as amended by the 02 series of amendments.

12.2. As from 1 January 1995 Contracting Parties applying this Regulation shall grant approvals only if the vehicle type approved meets the requirements of this Regulation as amended by the 02 series of amendments.

12.3. As from 1 January 1997, Contracting Parties applying this Regulation may refuse first national registration (first entry into service) of a vehicle which does not meet the requirements of the 02 series of amendments to this Regulation."

Annex 2

In the example of Arrangements of approval marks, Model A, amend the approval number "012439" to read "022439" and the caption below the example to read:

"... to Regulation No. 78 under approval number 022439. The first two digits of the approval number indicate that Regulation No. 78 already included the 02 series of amendments when the approval was granted."

In the example of Arrangements of approval marks, Model B, amend the approval number "012439" to read "022439" and the approval number "001628" (pertinent to Regulation No. 40 and given as an example) to read "011628" and the caption below the example to read:

"... Regulation No. 78 included the 02 series of amendments and Regulation No. 40 included the 01 series of amendments."

Annex 3,

Paragraph 2.1.1., amend to read (including the footnote)

"2.1.1. Test speed V = 40 km/h */ for categories L1 and L2,
V = 60 km/h */ for categories L3 and L4.

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*/ Vehicles of which the maximum speed (V max) is lower than 45 km/h in the case of categories L1 and L2, or 67 km/h in the case of categories L3 and L4, shall be tested at a speed equal to 0.9 Vmax."

Paragraph 2.1.2., amend to read:

"2.1.2. For the purposes of the type I residual performance test (vehicles of categories L3 and L4), the recorded ...."

Paragraphs 2.1.2.1. and 2.1.2.2., in the tables, delete the last line reading:

"

L5	$S \leq 0.1 \cdot V + V^2/75$	2.9 */

"

and amend the footnote "*/" pertinent to the tables to read:

"*/ If the values for single braking devices cannot be achieved because of limited adhesion, the following values shall be substituted for a test with the vehicle laden, using both braking devices together: L2: 4.4 m/s^2 and L3: 5.8 m/s^2"